

01-22-01

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01/19/01

**NON-PROVISIONAL
UTILITY PATENT APPLICATION
TRANSMITTAL - 37 CFR 1.53(b)**

Duplicate
(check, if applicable)

JC846U 09/766151 PRO
01/19/01

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, DC 20231

**Attorney Docket No. 071176.0030
Express Mail Label No. EK782827015US
Total Pages of Transmittal Form: 4**

Sir:

Transmitted herewith for filing is the non-provisional utility patent application of:

Inventors: Terry M. TURPIN
Residence: 9918 Evergreen Drive, Ellicott City, MD 21042
Citizen: United States

James L. LAFUSE
Residence: 11836 Bright Passage, Columbia, MD 21044
Citizen: United States

Post Office Address for all of the above inventors:
c/o Essex Corporation
9150 Guilford Road
Columbia, Maryland 21046-1891

Entitled: OPTICAL PROCESSOR ENHANCED RECEIVER ARCHITECTURE
(OPERA)

which is:

an Original; or
a Continuation, Divisional, or Continuation-in-part (CIP)
of prior Application No. &@ filed&@.

Anticipated Group/Art Unit: _____ or Class _____, Subclass _____.

- This non-provisional patent application is based on Provisional Patent Application No. &@, filed &@.
- This application hereby claims foreign priority benefits under Title 35, United States Code, § 119 of any foreign application for patent or inventor's certificate on the invention listed below.

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Inventors: Terry M. Turpin et al.

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- I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional patent application(s) listed below and have also identified below any United States provisional patent application(s) having a filing date before that of the application on which priority is claimed:

PROVISIONAL PRIORITY PATENT APPLICATION(S)

			Priority Claimed
60/209,434 (Number)	United States (Country)	02 June 2000 (Day/Month/Year Filed)	X Yes No

Entitled: "OPTIMUM CDMA SYSTEMS"

Assignee: Essex Corporation, 9150 Guilford Road, Columbia, Maryland 21046-1891

Enclosed are:

- Specification (including Abstract) and claims: 43 pages.
- Newly executed Declaration/Power of Attorney (original).
- Copy of Declaration from prior application.
- Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).
- 19 pages of drawings (formal) plus one copy (Fig. 1 – 19).
- Microfiche computer program (Appendix).
- Nucleotide and/or Amino Acid Sequence Submission, including:
 - Computer readable copy Paper Copy Verified Statement.
- Under PTO-1595 cover sheet, an assignment of the invention.
- Certified copy of _____ No(s). _____; filed _____ is/are filed:
 - herewith or in prior application &@.
- Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R. §1.27 as an Independent Inventor, or a Small Business Concern, or a Non-Profit Organization.
- Preliminary Amendment.
- Information Disclosure Statement, PTO-1449, and cited references.

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- [] Other: Recordation cover sheet with Assignment & Declaration
[x] Prepaid postage return postcard – please stamp and return.

The filing fee is calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE: \$355		BASIC FEE: \$710	
Total	13-20 =	0	X9	\$	OR	X18 \$ 0.00
Independent	2- 3=	0	X40	\$	OR	X80 \$ 0.00
[] Multiple Dependent Claims Present			\$135	\$	OR	\$270 \$ 0.00
[] Recordation/Assignment			\$ 40.00			\$40.00 \$ 0.00
			TOTAL	\$	OR	TOTAL \$355.00

- [] **The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.**
- [X] A check in the amount of **\$355.00** to cover the filing fee is **enclosed**.
- [x] The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (071176.0030)** as noted below. A duplicate copy of this sheet is enclosed.
- [x] Any overpayments or deficiencies in the above-calculated fee.
- [] Filing fee in the amount of \$ _____ as calculated above.
- [] Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- [] In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

CORRESPONDENCE ADDRESS:

January 19, 2001
(Date)

By: Alex Chartove
Alex Chartove
Registration No. 31,942
AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.

Attorney Docket No. 071176.0030

Inventors: Terry M. Turpin et al.

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Enclosures as stated